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Application No.: 10/556,346
Reply dated July 21, 2010
Reply to Office Action of June 07, 2010

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Docket No.: 0465-1463PUS1
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AMENDMENTS TO THE SPECIFICATION

Please amend the title as follows:

ROTARY COMPRESSOR HAVING TWO COMPRESSION CAPACITIES

Please amend the paragraph beginning on page 14, line 28 as follows:

As shown in FIGS. 9A and 9B, the control means can be provided with a projection 115 formed on the first valve 110 and projecting in a radial direction of the first valve, and a groove 123 formed on the second valve 220-120 and receiving the projection movably. Here, the groove 123 is formed on the second valve 220-120 so that it is not exposed to the inner volume of the cylinder 21. Therefore, a dead volume is not formed inside the cylinder. In addition, as shown in FIGS. 10A and 10B, the control means can be provided with a projection 124 formed on the second valve 120 and projecting in a radial direction of the second valve 120, and a groove 116 formed on the first valve 110 and receiving the projection 124 movably.

Please amend the paragraph beginning on page 15, line 16 as follows:

In addition, as shown in FIGS. 11A and 12B, and 11B, the control means can be provided with a projection 125 formed on the second valve 120 and projecting toward a center of the second valve 120, and a cut-away portion 117 formed on the first valve 110 and receiving the projection 125 movably. In such a control means, a gap between the projection 125 and the cut-away portion 117 can open the first and second suction ports 27a and 27b by forming the cut-away portion 117 largely in a properly large size. Accordingly, the control means decreases substantially in volume since the grooves of the above-described control means are omitted.

Please amend the paragraph beginning on page 16, line 12 as follows:

The suction plenum 200 directly communicates with all of the suction ports 27a, 27b and 27c so as to supply the fluid. Accordingly, the suction plenum 200 is installed in a lower portion of the second bearing 25 in the vicinity of the suction ports 27a, 27b and 27c. Although there is shown in the drawing that the suction ports 27a, 27b and 27c are formed at the second bearing

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25, they can be formed at the first bearing 24 if necessary. In this case, the suction plenum 200 is installed in the second bearing 25, first bearing 24. The suction plenum 200 can be directly fixed to the bearing 25 by a welding. In addition, a coupling member can be used to couple the suction plenum 200 with the cylinder 21, the first and second bearings 24 and 25 and the valve assembly 100. In order to lubricate the driving shaft 13, a sleeve 25d of the second bearing 25 should be soaked into a lubricant which is stored in a lower portion of the case 1. Accordingly, the suction plenum 200 includes a penetration hole 200a for the sleeve. Preferably, the suction plenum 200 has one to four times a volume as large as the fluid chamber 29 so as to supply the fluid stably. The suction plenum 200 is also connected with the suction pipe 7 so as to store the fluid. In more detail, the suction plenum 200 can be connected with the suction pipe 7 through a predetermined fluid passage. In this case, as shown in FIG. 12, the fluid passage penetrates the cylinder 21, the valve assembly 100 and the second bearing 25. In other words, the fluid passage includes a suction hole 21c of the cylinder 21, a suction hole 122 of the second valve, and a suction hole 25c of the second bearing.